

Amendments to the Specification:

Please amend the specification as follows.

Please delete the paragraph at Page 3, lines 7 - 13 (beginning with “In a reception data synchronizing apparatus. . .”).

Please delete the paragraphs at Page 5, lines 5 - 12 (beginning with “In a reception data synchronizing apparatus. . .” and “Further, a phase difference. . .”).

Please delete the paragraph at Page 6, lines 4 - 7 (beginning with “Further, a phase difference. . .”).

Please replace the paragraph beginning on Page 6, line 8 with the following amended paragraph:

According to an embodiment of the present invention ~~described in claim 6~~, a reception data synchronizing method for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, includes: a synchronism pattern detecting position recording step for recording a synchronism timing at which the synchronism pattern of the reception data is detected; a collation and synchronism decision step for collating the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and a synchronism control step operative, when the collation and synchronism

decision step gives a decision for inconsistency in phase, for a match between a timing at which the synchronism pattern is detected after the synchronism timing recorded in the synchronism pattern detecting position recording step and a timing of a synchronism pattern of the expectation data.

Please replace the paragraph beginning on Page 6, line 22 with the following amended paragraph:

According to an embodiment of the present invention ~~described in claim 7~~, a reception data synchronizing method for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, includes: a synchronism pattern detecting timing recording step for recording a synchronism pattern detecting timing at which the synchronism pattern is detected in the reception data; a collation and synchronism decision step for collating the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and a timing generating step operative, when the collation and synchronism decision step gives a decision for inconsistency in phase, for a match between the synchronism pattern detecting timing recorded in the synchronism pattern detecting timing recording step, as a subsequent one, and a timing of a synchronism pattern of the expectation data.

Please replace the paragraph beginning on Page 7, line 8 with the following amended paragraph:

The present invention ~~described in claim 8, further includes the [[a]] reception data synchronizing method embodiment described above according to claim 7~~, wherein the timing generating step transmits a predetermined reference timing signal, and the synchronism pattern detecting timing recording step records the reference timing signal when the synchronism pattern is detected, as the synchronism pattern detecting timing.

Please replace the paragraph beginning on Page 7, line 13 with the following amended paragraph:

According to an embodiment of the present invention ~~described in claim 9~~, a reception data synchronizing method for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, includes: a phase difference recording step for recording a time difference between a synchronism pattern detecting timing at which the synchronism pattern is detected in the reception data and the synchronism pattern detecting timing, as an initial one at which the synchronism pattern is initially detected; a collation and synchronism decision step for collating the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and a timing generating step operative, when the collation and synchronism decision step gives a decision for inconsistency in phase, for shifting a synchronism timing of the expectation data from the synchronism pattern detecting timing, as the initial one, by the time difference recorded in the synchronism pattern detecting timing recording step.

Please replace the paragraph beginning on Page 8, line 1 with the following amended paragraph:

According to an embodiment of the present invention ~~described in claim 10~~, a reception data synchronizing method for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, includes: a phase difference recording step for recording a time difference between a synchronism pattern detecting timing at which the synchronism pattern is detected in the reception data and the synchronism pattern detecting timing, as a previous one at which the synchronism pattern is detected in a previous time; a collation and synchronism decision step for collating the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and a timing generating step operative, when the collation and synchronism decision step gives a decision for inconsistency in phase, for shifting a synchronism timing of the expectation data by the time difference recorded in the synchronism pattern detecting timing recording step.

Please replace the paragraph beginning on Page 8, line 15 with the following amended paragraph:

According to an embodiment of the present invention ~~described in claim 11~~, a computer-readable medium embodying a program of instructions for execution by the computer to perform a reception data synchronizing method for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an

expected value of the reception data, includes: a synchronism pattern detecting position recording step for recording a synchronism timing at which the synchronism pattern of the reception data is detected; a collation and synchronism decision step for collating the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and a synchronism control step operative, when the collation and synchronism decision step gives a decision for inconsistency in phase, for a match between a timing at which the synchronism pattern is detected after the synchronism timing recorded in the synchronism pattern detecting position recording step and a timing of a synchronism pattern of the expectation data.

Please replace the paragraph beginning on Page 9, line 3 with the following amended paragraph:

According to an embodiment of the present invention ~~described in claim 12~~, a computer-readable medium embodying a program of instructions for execution by the computer to perform a reception data synchronizing method for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, includes: a synchronism pattern detecting timing recording step for recording a synchronism pattern detecting timing at which the synchronism pattern is detected in the reception data; a collation and synchronism decision step for collating the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and a timing generating step operative, when the collation and

synchronism decision step gives a decision for inconsistency in phase, for a match between the synchronism pattern detecting timing recorded in the synchronism pattern detecting timing recording step, as a subsequent one, and a timing of a synchronism pattern of the expectation data.

Please replace the paragraph beginning on Page 9, line 18 with the following amended paragraph:

The present invention ~~described in claim 13, further includes the [[a]]~~ computer-readable medium embodiment described above according to claim 12, wherein the timing generating step transmits a predetermined reference timing signal, and the synchronism pattern detecting timing recording step records the reference timing signal when the synchronism pattern is detected, as the synchronism pattern detecting timing.

Please replace the paragraph beginning on Page 9, line 23 with the following amended paragraph:

According to an embodiment of the present invention ~~described in claim 14~~, a computer-readable medium embodying a program of instructions for execution by the computer to perform a reception data synchronizing method for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, includes: a phase difference recording step for recording a time difference between a synchronism pattern detecting timing at which the synchronism

pattern is detected in the reception data and the synchronism pattern detecting timing, as an initial one at which the synchronism pattern is initially detected; a collation and synchronism decision step for collating the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and a timing generating step operative, when the collation and synchronism decision step gives a decision for inconsistency in phase, for shifting a synchronism timing of the expectation data from the synchronism pattern detecting timing, as the initial one, by the time difference recorded in the synchronism pattern detecting timing recording step.

Please replace the paragraph beginning on Page 10, line 12 with the following amended paragraph:

According to an embodiment of the present invention ~~described in claim 15~~, a computer-readable medium embodying a program of instructions for execution by the computer to perform a reception data synchronizing method for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, includes: a phase difference recording step for recording a time difference between a synchronism pattern detecting timing at which the synchronism pattern is detected in the reception data and the synchronism pattern detecting timing, as a previous one at which the synchronism pattern is detected in a previous time; a collation and synchronism decision step for collating the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and a timing generating

step operative, when the collation and synchronism decision step gives a decision for inconsistency in phase, for shifting a synchronism timing of the expectation data by the time difference recorded in the synchronism pattern detecting timing recording step.

Please replace the paragraph beginning on Page 11, line 1 with the following:

According to an embodiment of the present invention ~~described in claim 16~~, a reception data synchronizing apparatus for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, includes: a synchronism pattern detecting position recording device that records a synchronism timing at which the synchronism pattern of the reception data is detected; a collation and synchronism decision device that collates the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and a synchronism control device operative, when the collation and synchronism decision device gives a decision for inconsistency in phase, for a match between a timing at which the synchronism pattern is detected after the synchronism timing recorded in the synchronism pattern detecting position recording device and a timing of a synchronism pattern of the expectation data.

In a reception data synchronizing apparatus arranged as above-noted, even with an inconsistency in phase between reception data and reference data, it is after a synchronism timing at which a synchronism pattern when synchronized is detected that a detection of the synchronism pattern restarts to make the reception data and the reference data consistent in

phase, thus allowing for the reception data to be synchronized with expectation data even with an inconsistency in phase due to a false synchronism pattern.

Please replace the paragraph beginning on Page 11, line 15 with the following amended paragraph:

According to an embodiment of the present invention ~~described in claim 17~~, a reception data synchronizing apparatus for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, includes: a synchronism pattern detecting timing recording device that records a synchronism pattern detecting timing at which the synchronism pattern is detected in the reception data; a collation and synchronism decision device that collates the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and a timing generating device operative, when the collation and synchronism decision device gives a decision for inconsistency in phase, for a match between the synchronism pattern detecting timing recorded in the synchronism pattern detecting timing recording device, as a subsequent one, and a timing of a synchronism pattern of the expectation data.

Please replace the paragraph beginning on Page 12, line 2 with the following amended paragraph:

The present invention ~~described in claim 18~~, is a further includes the reception data synchronizing apparatus embodiment described above according to claim 2, wherein the timing

generating device transmits a predetermined reference timing signal, and the synchronism pattern detecting timing recording device records the reference timing signal when the synchronism pattern is detected, as the synchronism pattern detecting timing.

Please replace the paragraph beginning on Page 12, line 8 with the following:

According to an embodiment of the present invention ~~described in claim 19~~, a reception data synchronizing apparatus for a synchronization to be obtained between reception data having a synchronism pattern for a synchronization to be obtained and expectation data as an expected value of the reception data, includes: a phase difference recording device that records a time difference between a synchronism pattern detecting timing at which the synchronism pattern is detected in the reception data and the synchronism pattern detecting timing, as an initial one at which the synchronism pattern is initially detected; a collation and synchronism decision device that collates the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and a timing generating device operative, when the collation and synchronism decision device gives a decision for inconsistency in phase, for shifting a synchronism timing of the expectation data from the synchronism pattern detecting timing, as the initial one, by the time difference recorded in the synchronism pattern detecting timing recording device.

In a reception data synchronizing apparatus arranged as above-noted also, there can be obtained a synchronization between reception data and expectation data even with an inconsistency in phase due to a false synchronism pattern.

Further, a phase difference in record is used to render the reception data and reference data consistent in phase, without the need of waiting a detection of synchronism pattern, thus allowing for a rapid synchronization to be obtained between the reception data and the expectation data.

Please replace the paragraph beginning on page 12, line 23 with the following:

According to an embodiment of the present invention ~~described in claim 20~~, a reception data synchronizing apparatus for a synchronization to be obtained between reception data having a synchronism pattern for a synchronism to be obtained and expectation data as an expected value of the reception data, includes: a phase difference recording device that records a time difference between a synchronism pattern detecting timing at which the synchronism pattern is detected in the reception data and the synchronism pattern detecting timing, as a previous one at which the synchronism pattern is detected in a previous time; a collation and synchronism decision device that collates the reception data with reference data to decide whether or not the reception data is consistent in phase with the reference data; and a timing generating device operative, when the collation and synchronism decision device gives a decision for inconsistency in phase, for shifting a synchronism timing of the expectation data by the time difference recorded in the synchronism pattern detecting timing recording device.

Further, a phase difference in record is used to render the reception data and the reference data consistent in phase, without the need of waiting a detection of synchronism pattern, thus

allowing for a rapid synchronization to be obtained between the reception data and the expectation data.